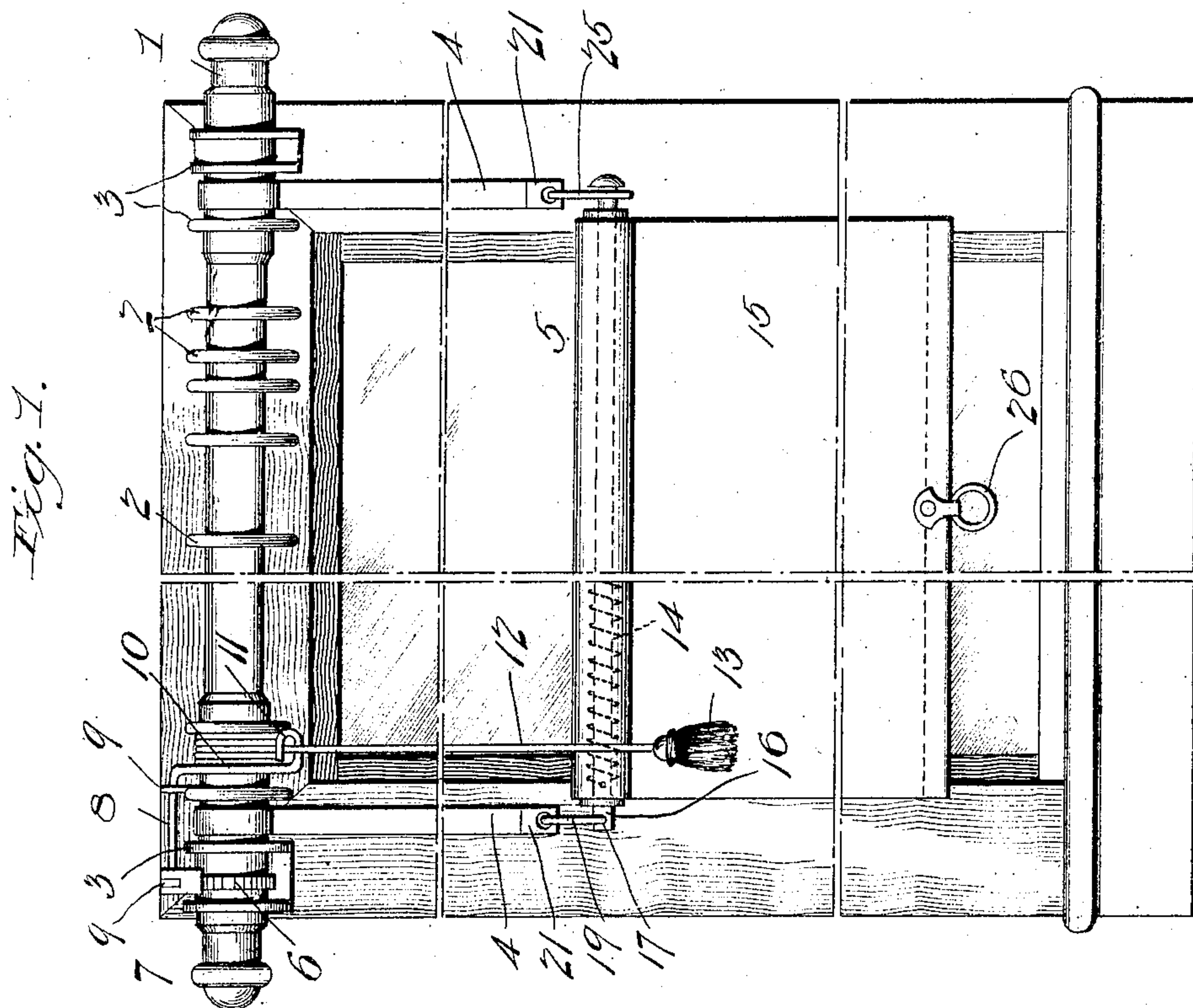
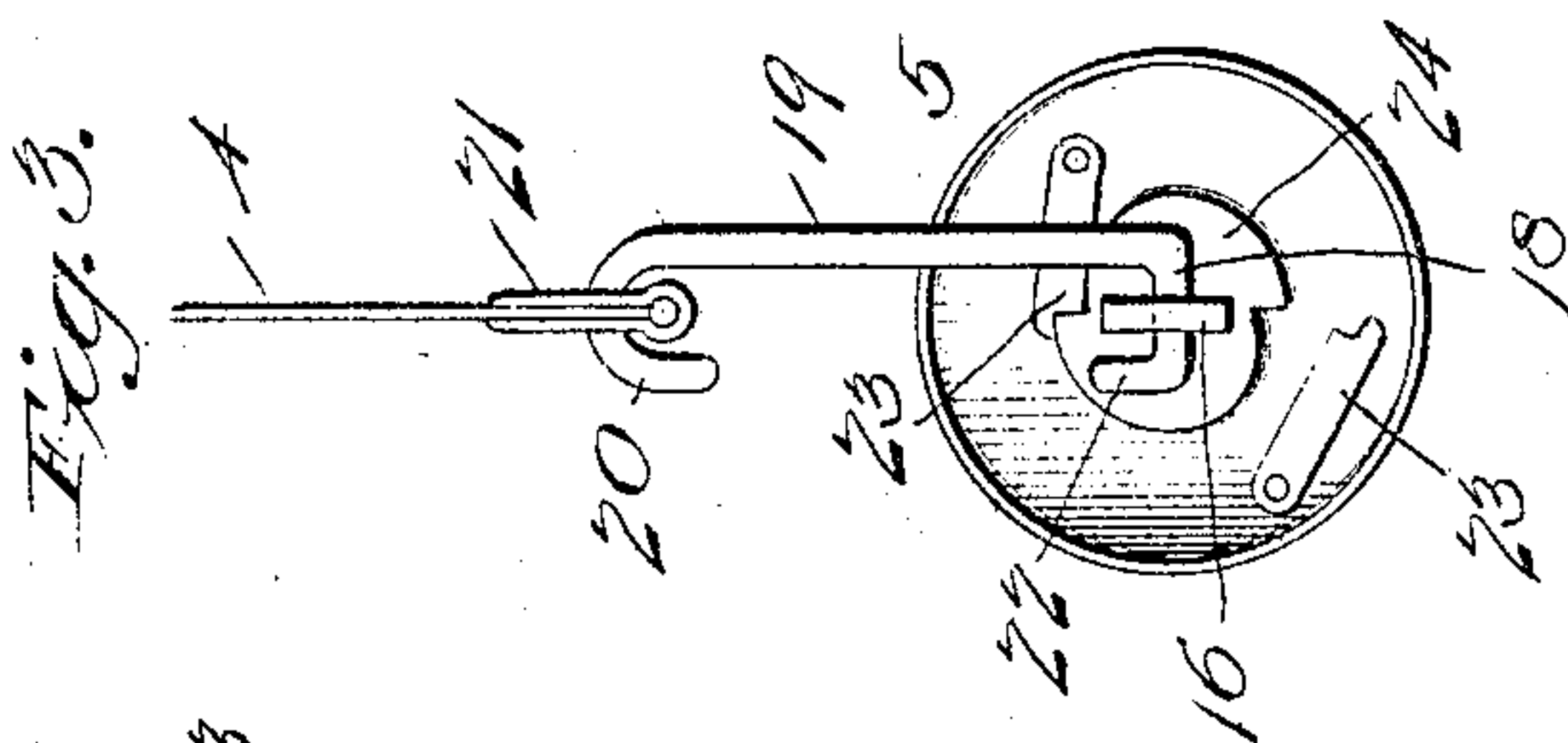
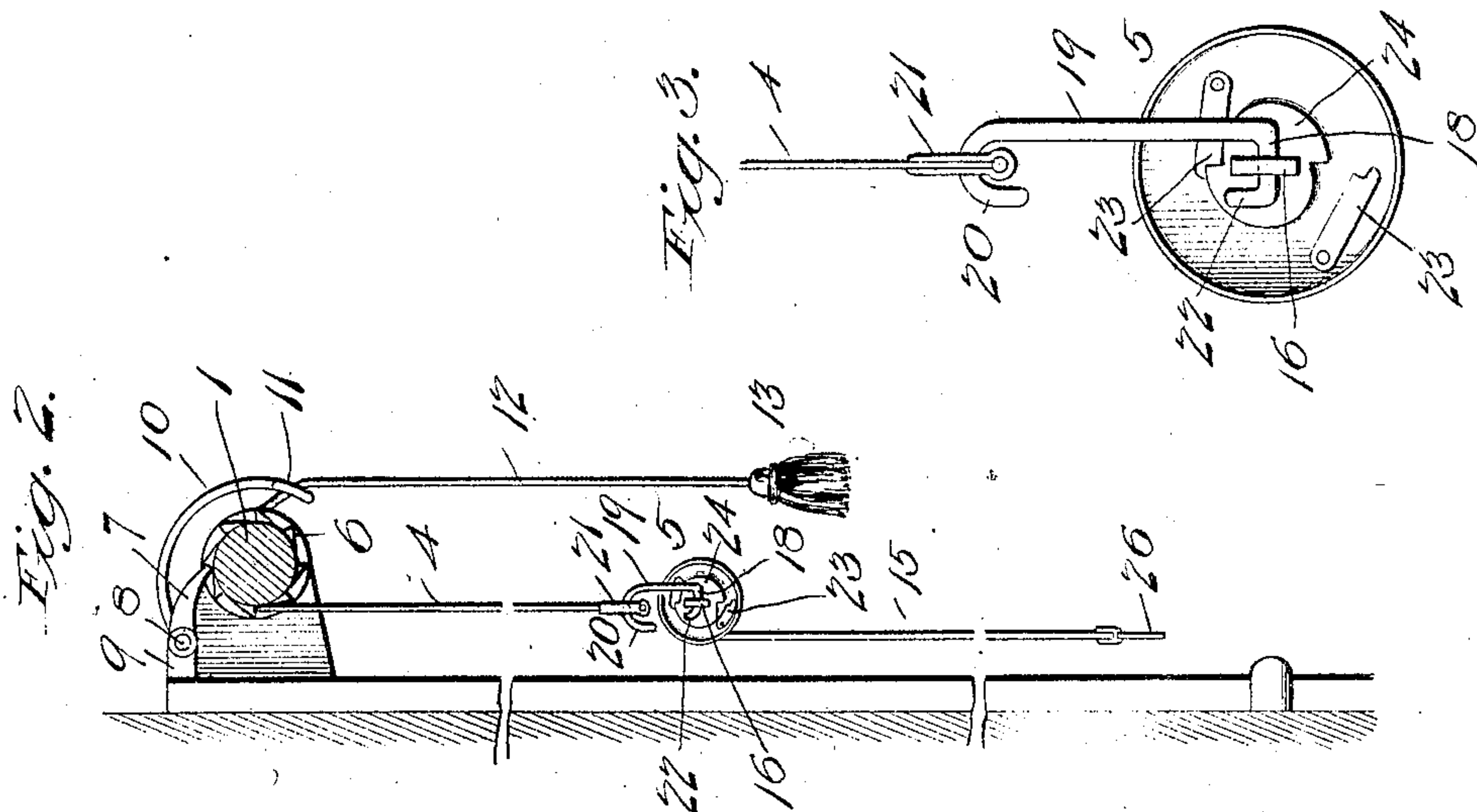


No. 898,151.

PATENTED SEPT. 8, 1908.

H. M. STEVENSON.  
CURTAIN FIXTURE.

APPLICATION FILED OCT. 25, 1907.



Inventor

Henry M. Stevenson.

Witnesses

T. L. Moen  
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By

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Attorney



# UNITED STATES PATENT OFFICE.

HENRY M. STEVENSON, OF BARNET, VERMONT.

## CURTAIN-FIXTURE.

No. 898,151.

Specification of Letters Patent.

Patented Sept. 8, 1908.

Application filed October 25, 1907. Serial No. 399,135.

*To all whom it may concern:*

Be it known that I, HENRY M. STEVENSON, a citizen of the United States, residing at Barnet, in the county of Caledonia and State of Vermont, have invented a certain new and useful Curtain-Fixture, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to curtain fixtures and is in the nature of an improvement on the construction set forth in my Patent No. 657,014, dated August 28th, 1900, the object of the present invention being to simplify and improve the curtain fixture described in said prior patent, reducing the cost of manufacture and rendering the device as a whole better and more reliable in operation and easier to manipulate.

With the above and other objects in view the nature of which will more fully appear as the description proceeds, the invention consists in the novel construction, combination and arrangement hereinafter fully described, illustrated and claimed.

In the accompanying drawings:—Figure 1 is a front elevation of a window showing the improved curtain fixture, applied thereto, with the curtain shade roller lowered part way. Fig. 2 is a vertical transverse section through the same, taken in line with the ratchet wheel on the upper roller. Fig. 3 is a detail end view of the shade roller, showing the improved hanger for supporting the same.

Referring to the drawings, 1 designates a roller arranged at or near the top of the window frame and journaled to turn in suitable brackets secured to the frame. The roller may be used for a portière or other curtain and is shown as provided with rings 2 for that purpose. The roller 1 is provided at suitable points with flanges 3 between which are secured suspending tapes 4 which wind upon the roller 1 between said flanges in order to enable the curtain shade roller 5 carried by the lower ends thereof to be raised and lowered, as will hereinafter appear.

A ratchet wheel 6 is secured fast to the roller 1 and is engaged and held by a pawl 7 fast on a rock shaft 8 mounted in bearings 9 on the frame. This shaft 8 is provided also with a forwardly projecting arm 10 which terminates in an eye 11, and through said eye passes a winding cord 12 having at its lower end a handle or tassel 13. The cord 12 is wound around the roller 1 and fastened at

its end thereto so that when the cord is pulled downward it turns or revolves the roller 1 in a direction which will cause the tapes 4 to be wound up thereon thereby elevating the curtain shade roller 5 and the curtain carried thereby, the pawl 7 acting to hold the roller 1 from revolving when the cord 12 is released.

It will be noted that the arm 10 curves around the roller 1 so as to dispose the eye 11 down low. The object of this is to enable the operator to release the pawl 7 from engagement with the ratchet wheel 6 by pulling outward as well as downward on the cord 12, this having the effect of lifting the arm 10 and eye 11 sufficiently to disengage the pawl. The lower roller 5 is then free to be drawn downward to allow light and ventilation over the curtain shade. The shade roller 5 is of the self winding spring type, containing a rewinding spring 14, illustrated in dotted lines in Fig. 1. 15 designates the shade carried thereby and secured thereto in the usual manner. In order to adapt the roller 5 to this invention the pintle 16 at one end thereof is provided with an eye 17 through which is inserted the lower horizontally disposed arm 18 of a hanger 19, the latter being provided with a hook 20 at its upper end which passes through a metal clip or reinforcement 21 on the lower extremity of one of the tapes 4. The arrangement described prevents the spring shaft of the roller from turning while permitting the roller itself to turn and wind up the spring and the shade carried thereby. The arm 18 of the hanger terminates in an upwardly projecting hook 22 to prevent the shade roller from slipping off the hanger. The roller 5 also carries the usual dogs 23 which engage and interlock with the ratchet wheel 24 on the spring shaft of the roller. At its opposite end the roller 5 is connected by another hanger 25 to a clip on the lower end of the other suspending tape 4, permitting the roller 5 to turn freely. The shade may be raised and lowered relative to the roller 5 in the usual way by means of the finger ring 26 attached to the bottom edge thereof, while the said roller may be bodily raised and lowered by means of the cord 12 which is manipulated in the manner above described.

The hanger 19 forms a cheap and effective connection between the suspending tapes and the shade roller and prevents the pintle

and shaft of said roller from turning while manipulating the shade.

I claim:—

The combination with a supporting roller  
5 and means for turning said roller including a  
pull cord wound thereon; of a spring curtain  
shade roller; suspending tapes for the shade  
roller wound upon the supporting roller and  
provided with terminal eyes; and a hanger  
10 embodying a hook insertible through the eye

of one of the tapes, and a horizontal arm inserted through an eye in the shade roller shaft and terminating in an upturned integral hook.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY M. STEVENSON.

Witnesses:

A. L. GUTHERO,  
D. M. NICHOLS.